

REMARKS

Claims 1 - 24 are pending in the application. Claims 1 - 24 have been rejected.

Claims 17 - 24 stand rejected under 35 U.S.C. § 101. Claim 17 has been amended to affirmatively claim that the computer-readable medium is “tangible”.

Claims 7, 15 and 23 stand rejected under 35 U.S.C. § 112, second paragraph. Claims 7, 15 and 23 have been amended to address this rejection.

Claims 1, 9 and 17 stand provisionally rejected on the grounds of non-statutory double patenting over claims 1, 9 and 17 of co-pending Application No. 10/621,885 by Chang et al. (Chang 885). This rejection is respectfully traversed.

Chang 885 discloses registering an alias name that represents a first compound name that includes an application name that is associated with an application and a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application. (See e.g., Chang, Application No. 10/621,885, Page 36, line 19 – Page 41, line 10, discussing the advantages of aliasing and distinguishing over the present application.)

Claim 1 of Chang 885 has been amended to set forth a method for managing application files within a data processing system. The method of Chang 885 includes registering an alias name which represents a first compound name that includes an application name that is associated with an application and a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application where the registering includes associating the alias name with the first compound name that includes the application name and the deployment name, storing the association of the alias name with the first compound name in a datastore, generating an application-based name associated with an application where the application-based name represents a context within a naming system, and where the application-based name is a second compound name that includes the alias name, and managing an application within the data processing system using the application-based name. Claims 9 and 17 of Chang 885 include amendment claims of similar scope.

Accordingly, it is respectfully submitted that claims 1, 9 and 15 of the present application are patentably distinct from amended claims 1, 9 and 15 of Chang 885.

Claims 1 - 24 stand rejected under 35 U.S.C. § 102(c) as being anticipated by Cocks et al., U.S. Patent No. 6,745,250 (Cocks).

The present invention, as set forth by independent claim 1, relates to a method for processing names by a naming service within a data processing system. The method includes obtaining an application name that is associated with an application; obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application; and generating an application-based name for the instance of the application, where the application-based name represents a context within a naming system, and where the application-based name is a compound name that comprises the application name and the deployment name and where a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system.

The present invention, as set forth by independent claim 9, relates to an apparatus for processing names by a naming service within a data processing system. The apparatus includes means for obtaining an application name that is associated with an application, means for obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application, and means for generating an application-based name for the instance of the application, where the application-based name represents a context within a naming system, and where the application-based name is a compound name that comprises the application name and the deployment name and where a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system.

The present invention, as set forth by independent claim 17, relates to a computer program product in a computer-readable medium for use in a data processing system for processing names by a naming service. The computer program product includes means for obtaining an application name that is associated with an application, means for obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application, and means for generating an application-based name for the

instance of the application, where the application-based name represents a context within a naming system, and where the application-based name is a compound name that comprises the application name and the deployment name and where a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system.

Cocks relates to a methodology for finding references to objects in a distributed object oriented network environment. More specifically, in the methodology of Cocks, Common Object Request Broker Architecture (CORBA) Life Cycle Service Factory Finder capabilities are combined with CORBA Naming service Resolve operations on a Naming Context. The CORBA naming service allows an object to be located by the user of a human readable name. The naming service provides a one to one mapping from a human readable name to an object instance (See e.g., Cocks, Col. 2, lines 1 – 6.) The Naming Context contains a Factory Finder which supports requests with simple names. The Naming Context can transform compound names to simple names relative to where the name is in the name space. Also, the Naming Context can be used as an application specific Initial Context. (See e.g., Cocks, Col. 6, lines 34 – 50.)

Cocks does not teach or suggest a method for processing names by a naming service within a data processing system, where the method includes obtaining an application name that is associated with an application; obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application; and generating an application-based name for the instance of the application, much less such a method where *the application-based name is a compound name that comprises the application name and the deployment name and where a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system*, all as required by claim 1. Accordingly, claim 1 is allowable over Cocks. Claims 2 - 8 depend from claim 1 and are allowable for at least this reason.

Cocks does not teach or suggest an apparatus for processing names by a naming service within a data processing system, where the apparatus includes means for obtaining an application name that is associated with an application, means for obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the

application, and means for generating an application-based name for the instance of the application, much less such a system where *the application-based name is a compound name that comprises the application name and the deployment name* and where *a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system*, all as required by claim 9. Accordingly, claim 9 is allowable over Cocks. Claims 10 - 16 depend from claim 9 and are allowable for at least this reason.

Cocks does not teach or suggest a computer program product in a computer-readable medium for use in a data processing system for processing names by a naming service, where the computer program product includes means for obtaining an application name that is associated with an application, means for obtaining a deployment name that is associated with a deployment attribute that characterizes a deployment of an instance of the application, and means for generating an application-based name for the instance of the application, much less such a computer program product where *the application-based name is a compound name that comprises the application name and the deployment name* and where *a deployment attribute is a metadata value that characterizes a manner in which the instance of the application is deployed within the data processing system*, all as required by claim 17. Accordingly, claim 17 is allowable over Cocks. Claims 18 - 24 depend from claim 17 and are allowable for at least this reason.

CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

I hereby certify that this correspondence is being electronically submitted to the COMMISSIONER FOR PATENTS via EFS on November 15, 2006.

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Respectfully submitted,

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